

ABSTRACT OF THE DISCLOSURE

A polyether copolymer having a weight-average molecular weight of 10^4 to 10^7 , formed from 3 to 30 % by mol of a repeating unit derived from propylene oxide, 96 to 5 69 % by mol of a repeating unit derived from ethylene oxide, and 0.01 to 15 % by mol of a crosslinkable repeating unit derived from a reactive oxirane compound, gives a provide a crosslinked solid polymer electrolyte which is superior in processability, moldability, mechanical strength, flexibility and heat resistance, and has markedly improved ionic conductivity.

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